

Attorney's Docket No.: 12732-070001 / US5157

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jun Koyama et al.

Art Unit: 2674

Serial No.: 09/931,061

Examiner: Francis Nguyen

Filed

: August 17, 2001

Title : El

: ELECTRONIC DEVICE AND METHOD OF DRIVING THE SAME

## MAIL STOP AMENDMENTS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449. In accordance with the PTO's waiver of 37 CFR 1.98 (a)(2)(iii), only copies of foreign patent documents and non-patent references are enclosed.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: January 3, 2005

John F. Hayden Reg. No. 37,640

Customer No. 26171

Fish & Richardson P.C.

1425 K Street, N.W. - 11th Floor Washington, DC 20005-3500

Telephone: (202) 783-5070 Facsimile: (202) 783-2331

JFH/adt 40257720.doc Modified)

U.S. Department of Commerce Patent and Trademark Office

by Applicant (Use several sheets if necessary)

Attorney's Docket No. 12732-070001

Application No. 09/931,061

Information Disclosure Statement

Applicant

**U.S. Patent Documents** 

Jun Koyama et al.

Filing Date

Group Art Unit

August 17, 2001 | 2674

Filing Date Examiner Desig. Document Publication Initial Number Date Patentee Class Subclass If Appropriate ID AA 2001/0005193 06/28/2001 YOKOYAMA 2002/0003521 01/10/2002 MATSUEDA et al. AΒ 2002/0024054 02/28/2002 KOYAMA et al. ACAD 2002/0036604 03/28/2002 YAMAZAKI et al. KOYAMA et al. 2002/0041266 04/11/2002 ΑE 08/22/2002 **KOYAMA** AF 2002/0113763 AG 2003/0071772 04/17/2003 **KIMURA** 02/21/1984 KOBAYASHI et al. AH 4,432,610 **JOHNSON** 4,752,118 06/21/1988 ΑI HAYAKAWA et al. 4,773,738 09/27/1988 AJ 4,996,523 02/26/1991 BELL et al. ΑK KITAJIMA et al. ΑL 5,091,722 02/25/1992 04/06/1993 HIROKI et al. AM 5,200,846 07/06/1993 KANALY AN 5,225,823 AO 5,247,190 09/21/1993 FRIEND et al. AP 5,349,366 09/20/1994 YAMAZAKI et al. 06/13/1995 YAMAZAKI et al. AQ 5,424,752 **PARKS** AR 5,471,225 11/28/1995 KANEKO et al. AS 5,479,283 12/26/1995 BURGENER et al. 02/04/1997 AT 5,600,169 06/24/1997 ZAVRACKY et al. ΑU 5,642,129 12/16/1997 YAMAZAKI et al. ΑV 5,699,078 KINOSHITA et al. AW 5,771,031 06/23/1998 08/11/1998 **KOYAMA** AX5,793,344 **KOYAMA** AY 08/25/1998 5,798,746

Examiner Signature

AZ

BA

5,907,313

5,945,866

Date Considered

KUBOTA et al.

FONASH et al.

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

05/25/1999

08/31/1999

(Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. Application No. 12732-070001 09/931,061

Information Disclosure Statement

by Applicant

(Use several sheets if necessary)

Applicant
Jun Koyama et al.

Jun Koyama et al.

Filing Date Group

(37 CFR §458(b))

Filing Date Group Art Unit August 17, 2001 2674

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	5,945,972	08/31/1999	OKUMURA et al.	-		
- <del>-</del>	BC	5,990,629	11/23/1999	YAMADA et al.	<del>-</del>		
	BD	6,115,019	09/05/2000	PERNER			
	BE	6,165,824	12/26/2000	TAKANO et al.			
	BF	6,246,386	06/12/2001	PERNER			
	BG	6,259,846	07/10/2001	ROACH et al.		-	
	ВН	6,274,887	08/14/2001	YAMAZAKI et al.			
	BI	6,344,843	02/05/2002	KOYAMA et al.			
	BJ	6,356,028	03/12/2002	LEGAGNEUX et al.			
	BK	6,366,026	04/02/2002	SAITO et al.			
	BL	6,384,818	05/07/2002	YAMAZAKI et al.			
	BM	6,392,618	05/21/2002	KIMURA			
	BN	6,441,829	08/27/2002	BLALOCK et al.			
	ВО	6,456,267	09/24/2002	SATO et al.			
	BP	6,535,192	03/18/2003	SUNG et al.			
	BQ	6,545,654	04/08/2003	JACOBSEN et al.			
	BR	6,549,196	04/15/2003	TAGUCHI et al.			
	BS	6,556,176	04/29/2003	OKUYAMA et al.			
	ВТ	6,563,480	05/13/2003	NAKAMURA			
	BU	6,630,916	10/07/2003	SHINODA			
	BV	6,636,194	10/21/2003	ISHII			
	BW	6,670,938	12/30/2003	YOSHIDA			
	BX	6,738,054	05/18/2004	YAMAGUCHI			
	BY	6,750,836	06/15/2004	KATAYAMA et al.			
	BZ	6,765,562	07/20/2004	YAMAZAKI et al.			
	CA	6,774,876	08/10/2004	INUKAI			

Examiner Signature	Date Considered				
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with					
next communication to applicant.					

Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-070001	Application No. 09/931,061	
	closure Statement pplicant	Applicant Jun Koyama et al.		
JAN U 3 Zuw (Use several s	several sheets if necessary)	Filing Date August 17, 2001	Group Art Unit 2674	
RADEMARK				

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document Number	Publication Date	Country or Patent Office	Class	Sub- class	Translat Yes	tion No
Initial	ID CB	EP0 999 595	05/10/2000	EUROPE	Class	Class	In English	INO
	CC	EP1 098 290	05/09/2001	EUROPE	-		In English	
	CD	EP1 182 638	02/27/2002	EUROPE			In English	
	CE	JP04-350627	12/04/1992	JAPAN			Full	
	CF	JP06-102530	04/15/1994	JAPAN			Full	
	CG	JP08-101669	04/16/1996	JAPAN			Abstract	
	СН	JP08-194205	07/30/1996	JAPAN			Full	
	CI	JP08-286170	11/01/1996	JAPAN			Abstract	
	CJ	JP10-092576	04/10/1998	JAPAN			Abstract	
	CK	JP10-214060	08/11/1998	JAPAN			Abstract	
	CL	JP10-232649	09/02/1998	JAPAN			Abstract	
	CM	JP10-247735	09/14/1998	JAPAN			Abstract	
	CN	JP10-253941	09/25/1998	JAPAN			Abstract	
	СО	JP10-312173	11/24/1998	JAPAN			Full	

Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner	Desig.				
Initial	ID	Document			
	СР	Koyama et al., "A 4.0-in Poly Si TFT-LCD with Integrated 6-bit Digital Data Driver Using CGS			
		Technology," 1999 International Workshop on Active-Matrix Liquid-Crystal Displays; Digest of			
		Technical Papers; AM-LCD 99, July 14-16, 1999; pgs. 29-32.			
	CO	H. Schenk et al., "Polymers for Light Emitting Diodes," EuroDisplay '99, 19th International Display			
	CQ	Research Conference, September 6-9, 1999, pp. 33-37.			
	CR	Baldo et al., "Highly efficient phosphorescent emission from organic electroluminescent devices,"			
	CK	Nature, Vol. 395, September 10, 1998, pp. 151-154.			
	CS	Baldo et al., "Very high-efficiency green organic light-emitting devices based on			
	CS	electrophosphorescence," Applied Physics Letters, Vol. 75, No. 1, July 5, 1999, pp. 4-6.			
		Tsutsui et al., "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex			
	CT	as a Triplet Emissive Center," Japan Journal of Applied Physics, Vol. 38, part 2, No. 12B, December			
		15, 1999, pp. L1502-L1504.			
	CU	Tsutsui et al., "Electroluminescence in Organic Thin Films," Photochemical Processes in Organized			
		Molecular Systems; Proceedings of the Memorial Conference for the Late Professor Shigeo Tazuke,			
		September 22, 1990, pp. 437-450.			

Examiner Signature	Date Considered					
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						
	Substitute Disclosure Form (PTO-1449)					